



Post Office Box 968
Santa Fe, New Mexico 87504-0968

ENVIRONMENTAL IMPROVEMENT DIVISION

Michael J. Burkhardt
Director

PN-3-26-88
Hamke 4-27-88
GARREY CARRUTHERS
Governor

LARRY GORDON
Secretary

CARLA L. MUTH
Deputy Secretary

Certified Mail Return Receipt Requested P11 6681161

April 20, 1988

Mr. Myron Knudson
U.S. Environmental Protection Agency
1445 Ross Avenue
Dallas, Texas 75202-2733

Re: State Certification

Dear Mr. Knudson:

Enclosed please find the State certifications for the following major industrial permits:

Homestake Mining Company, NM0020389
Bokum Resources Corporation, NM0028215

Minor changes are enclosed on a separate sheet.

Sincerely,

Kathleen M. Sisneros
Bureau Chief
Surface Water Quality Bureau

Enclosures

cc: Edward Kennedy, Homestake Mining Company
Ken McCorkle, Bokum Resources Corporation
Tito Madrid/Lee Rosenberger, NMEID, Albuquerque District Office
NMEID Grants Field Office

RECEIVED

APR 25 1988

6W-PS

Mr. Robert Layton Jr., Regional Administrator
Environmental Protection Agency
1445 Ross Avenue
Dallas, TX 75202-2733

April 20, 1988

STATE CERTIFICATION

Homestake Mining Company
P.O. Box 98
Grants, New Mexico 87020
NM0020389, March 26, 1988

Dear Mr. Layton:

The New Mexico Environmental Improvement Division has examined the application for and the proposed NPDES permit NM0020389 above. The following conditions are necessary to assure compliance with the applicable provisions of the Clean Water Act Sections 208(e), 301, 302, 303, 306, and 307 and with appropriate requirements of State law. Compliance with the terms and conditions of the permit and this certification will provide reasonable assurance that the permitted activities will be conducted in a manner which will not violate applicable water quality standards.

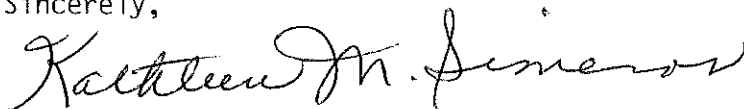
The State of New Mexico

- () includes the following more stringent conditions and citation to the State or Federal requirements upon which those conditions are based (see attachments).
- (X) certifies that the discharge will comply with the applicable provisions of Sections 208(e), 301, 302, 303, 306 and 307 of the Clean Water Act and with appropriate requirements of State law.
- () waives its right to certify.
- () denies certification for the reasons stated in the attachment.

In order to meet the requirements of State law, including water quality standards and appropriate basin plan, each of the conditions cited in the draft permit and the State certification shall not be made less stringent.

Please contact Shelda Sutton-Mendoza at (505) 827-2802 if you have any questions concerning this certification. Comments pertaining to this Draft Permit are included on a separate page.

Sincerely,



Kathleen M. Sisneros
Bureau Chief
Surface Water Quality Bureau

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APR 25 1988

6W-PS

Homestake Mining Company

NM0020389

Comments that are not Conditions of State Certification

1. Page 2 of the Fact Sheet states, "... after consultation with the State of Texas,...". This facility is located in the State of New Mexico.
2. Part 1, Page 3 of the draft permit states, "The pH shall not be less than 6.6 standard units nor greater than 8.6 standard units and shall be monitored 1/week by grab sample."
Fact Sheet, Page 3 states:
pH limitations within the range of 6.6 to 8.6 S.U. are continued on the present permit limitations which were established by the New Mexico Environmental Improvement Division under New Mexico water quality standards.
The State of New Mexico Water Quality Management Plan, Work Element 6, October, 1985, provides for a pH range of 6.0 - 9.0 standard units.
3. Delete C. and D. of Part II, Page 1 and the (*2) footnote for chemical oxygen demand of Part I, Page 2 of the draft permit per Glenn Saums letter of February 4, 1986 (letter attached).
4. Part III, Page 3, Section D.4. of the draft permit states:
Duplicate copies of the DMRs, signed and certified as required by Part III.D.11 and all other reports required by Part III.D. shall be submitted to the Director and to the State (if applicable) at the following address(es):
Please clarify the language "if applicable." The State does want to receive copies of all DMRs and all other reports required by Part II.D.
5. Public Notice, Page 2, states:
The discharge from this existing uranium mine is made into San Mateo Creek in the Rio Grande Basin, a water of the United States classified for irrigation, limited warmwater fishery, livestock and wildlife watering and secondary contact recreation.
This stream segment is not classified, it is unclassified.
6. Fact Sheet, Page 1, 4., states:
Stream standards are: the general and specific stream standards are provided in "Water Quality Standards for Interstate and Intrastate Streams in New Mexico", New Mexico Water Quality Control Commission, February 15, 1985.
The date for the recently approved edition is April 25, 1988. Change February 15, 1985 to April 25, 1988.

Homestake Mining Company

NM0020389

Comments that are not Conditions of State Certification (Continued)

7. The State requests that monitoring and reporting for total molybdenum, total selenium, lead-210, polonium-210, barium, and manganese remain in the permit. The State had requested this monitoring and reporting in the last certification. Since there has been no discharge from the facility, the State has insufficient data on the levels of these elements in the discharge and cannot evaluate the impact to ground water and/or surface water. The Ground Water Bureau, NMEID, has measured elevated levels of total selenium, total molybdenum, and total manganese in the ion exchange pond water for this facility.

Homestake Mining Company

NM0020389

Conditions of State Certification

None

STATE OF NEW MEXICO

ENVIRONMENTAL IMPROVEMENT DIVISION

P.O. Box 968, Santa Fe, New Mexico 87504-0968
(505) 984-0020

TONY ANATA
GOVERNOR

DENISE D. FORT
DIRECTOR

*con with
state certificate
of permits*

ENVIRONMENT
department

February 4, 1986

Mr. Bob Hanneschlager, Chief
Permits Branch, 6W-P
U.S. Environmental Protection Agency
1201 Elm Street
Dallas, Texas 75270

Re: Part 3 of NPDES permits issued to facilities in New Mexico

Dear Mr. Hanneschlager:

The Surface Water Section would like the state's language in Part 3 of NPDES permits issued in New Mexico to be removed from all future permits, including the City of Albuquerque's, NM0022250. The original purpose was to put the discharger on notice that when the state took enforcement under Part 2 of the Water Quality Control Commission regulations, the discharge would have to meet those state requirements. It has since been determined to be more confusing than helpful, so I am asking you to drop it from all future permits. The specific language that I am referring to is as follows:

SECTION B. STATE REQUIREMENTS

The following limitations shall apply, as required by Part 2 of the New Mexico Water Quality Control Commission regulations, as amended August 22, 1985, Section 2-101, General Requirements.

No person shall cause or allow effluent to discharge to a watercourse if the effluent as indicated by

1. any two consecutive daily composite samples;
2. more than one (1) daily composite sample in any 30-day period (in which less than ten (10) daily composite samples are examined);
3. more than ten percent (10%) of the daily composite samples in any 30-day period (in which ten (10) or more daily composite samples are examined); or
4. a grab sample collected during flow from an intermittent or infrequent discharge;

Mr. Bob Hanneschlager
February 4, 1986
Page Two

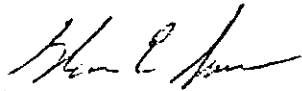
does not conform to the following:

Biochemical Oxygen Demand (BOD ₅)	Less than 30 mg/l
Chemical Oxygen Demand (COD)	Less than 125 mg/l
Fecal Coliform Bacteria	Less than 500 organisms/100 ml

These regulations apply only under certain specific conditions, and are meant to be used for State enforcement, not for a self-monitoring program using 7-day and 30-day averages.

If you have any questions regarding this matter, please call me at 827-2805.

Sincerely,



Glenn Saums
Health Program Manager
Surface Water Section

cc: Sill Leonard, USEPA, 6W-PM
Dave Brosman, City of Albuquerque

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 14 1988

REPLY TO: 6W-PI

Mr. Edward Kennedy
Director of Environmental
Affairs
Homestake Mining Company
P.O. Box 98
Grants, NM 87020

Re: NPDES Permit No. NM0020389

Dear Mr. Kennedy:

In our recent response to comments, dated May 21, 1988, EID was misquoted in Issue No. 2. EID does wish to receive copies of all DMRS and all other reports required by Part III, D. of the permit. Please provide all of this information to EID.

If there are any questions, please feel free to contact me at (214) 655-7180.

Sincerely,

Kenneth Huffman
Chief
Industrial Permits Section (6W-PI)

cc: Kathleen M. Sisneros
Chief
Surface Water Quality Bureau
New Mexico Environmental
Improvement Division
P.O. Box 968
Santa fe, New Mexico 87504-0968

6W-PI:HUMKE:dh:x7190:6/10/88:Dis #2-34:517

CONCURRENCES							
SYMBOL							
SURNAME							
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